FIG. 10

```
1001-done: = false
1002-while not done do{                          ┌─ 1000
1003-   done: = true;
1004-    BestImprovement: = 0;
1005-    for each Lvi from LVisit do {
1006-        [NewState, improvement]: = MoveUp(Lvi, CurrentState);
1007-        if improvement > BestImprovement then {
1008-    BestState: = NewState;
1009-           BestImprovement: = improvement;
1010-            done: = false;
         }
      }
1011-   if not done then {
1012-        CurrentState; = BestState;
      }
   }
```